SIDDEEQ PUBLIC SCHOOL

MODEL PAPER of ENGLISH for ADMISSION to GRADE: 8

(Max. Marks: 35)

Vocabulary

Q.1 **(A)** **Encircle the Correct Spellings.** (0.5x2)
- appresiation / appretiation / appreceation / appreciation
- vigelant / vigilent / vigilant / vegilent

(B) **Provide Meanings of the following Words either in English or in Urdu.**

(1.0x3)

evidence		confusion		renowned	

(C) **Complete the Columns.** (1.0x4)

Words	Opposites
success	
deep	

Noun	Verb	Adjective
	brighten	bright
example		exemplary

(D) **Choose the Correct Word given in brackets to Complete each Sentence.**

(0.5×4)

- I need a _____ room to complete the assignment as it requires _____ a deep concentration. (quite, quiet)
- Everyone agreed to _____ our proposal for the match _____ the coach. (accept, except)

Grammar

Q.2 **(A) Fill in the Blanks by Choosing the Correct Options from the brackets.**

(1.0×7)

- The most intelligent of all the boys_____ answering every question.
(are/ were / is)
- How _____the camel get its hump? (do / did / has)
- The pirates _____ themselves behind the thick bushes. (hid /hidden/ hiding)
- He may not _____ to your letter of complaint. (reply / replies / replying)
- My brother is fond _____ eating muffins _____ his childhood.

(of / off / from / since)

- I have got _____ appointment with _____ doctor. (a / an / the)
- You will receive a prize _____ you win the first place, _____ you need to work hard. (so / if / as / unless)

(B) Do as Directed. (1.5×4)
- Good students always work hard. (Change into an Interrogative Sentence)

_____

- Every citizen is paying the utility bills in time. (Change into Present Indefinite)

_____

- My mother advised me to tell the truth. (Change into Passive Voice)

_____

- The nurse said to the patient, " I have to check your blood pressure."

(Change into Indirect Speech)

_____

Q.3   Make Meaningful Sentences of the given Words.   (1.5×2)

- discharge   _____

- skillfully   _____

Q.4   Translate into English.   (1.5×2)

_____   ■   ہم کسی سے جھگڑا نہیں کرتے ہیں۔

_____   ■   کیا بچوں نے تمام تاریخی مقامات کی سیر کی؟

Q.5   Compose a Paragraph of Six Sentences on "The Aim of My Life".   (6.0)

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SIDDEEQ PUBLIC SCHOOL

MODEL PAPER of MATHEMATICS for ADMISSION to Grade: 8
(Max. Marks:35)

Objective

Q1. Complete the following mathematical statements. (1.0×4)

(i) The square root of additive identity is_____.

(ii) Base and exponent of expression $(x - y)^3$ are _____and _____ respectively.

(iii) When we convert 36 km/ h into m/s, we get_____.

(iv) If A= { 0,1,2,3….}, B= set of Natural numbers then difference of A & B is _____.

Computational Strategies

Q2. **Verify the Distributive Property:** $2\frac{2}{3} \times (\frac{1}{2} - 6) = (2\frac{2}{3} \times \frac{1}{2}) - (2\frac{2}{3} \times 6)$ (4.0)

Q3. **Find** the **product** of **(2x +5y) and (2x – 5y) by** using **suitable identity.** (4.0)

Q4. **Find the solution of** $\frac{5}{2}(\frac{3}{2} - 2x) + \frac{3}{2}(2x - \frac{5}{2}) = 0$ (4.0)

Q5. **Find the square root of 151. 29** (4.0)

Problem Solving Skills, Geometry & Shapes

Q6. **Find the perimeter** of a **rectangular** park whose **length is three times of its width** and the **area is 720.75m²**. (5.0)

Q7. **12 water pumps** can empty a water tank in **20 minutes**. But **2 pumps got out of order**. **How long** will the **remaining pumps take** to empty the tank. (5.0)

Q8. Find the **cost of carpeting** the floor of circular shaped room having **radius of 21m** at the **rate of Rs 25/m^2**. $(\pi \approx \frac{22}{7})$ (5.0)

Name: _____   Roll No. _____

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<u>MODEL PAPER</u>   **SCIENCE**   Max. Marks: **30**   <u>ADMISSION to CLASS:</u> **8**

(Note: Erasing, cutting and over writing is not allowed in Q.1, 2 & 3)

Q.1   Choose the best option.   (1.0×6)

(i)   If we heat one end of the rod and its other end becomes hot after sometime, this mode of heat transfer is called:
(A)   Conduction   (B)   Convection
(C)   Radiation   (D)   Transmission

(ii)   Which of the following does <u>not</u> represent a chemical change?
(A)   Burning of leaves   (B)   Spoilage of food
(C)   Turning brown of freshly cut banana   (D)   Freezing of water

(iii) The electronic configuration of Phosphorus is:
(A)   K: 2 L: 10 M: 3   (B)   K: 2 L: 13
(C)   K: 8 L: 7   (D)   K: 2 L: 8 M: 5

$^{31}_{15}P$

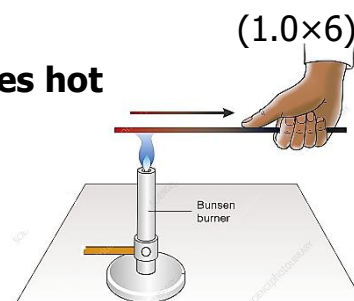**(iv)   What is the tendency of <u>oxygen</u> atom to get stable?**
(A)   It loses or shares 2 electrons.   (B)   It gains or share 1 electron.
(C)   It gains or shares 2 electrons   (D)   It loses or shares 1 electron

(v)   What is the main purpose of the veins in a leaf?
A) To transport water and nutrients.   B) To support the leaf structure.
C) To regulate gas exchange.   D) To protect against pathogens.

(vi)   Where does the exchange of oxygen and carbon dioxide take place in the respiratory system?
A)   Alveoli   B)   Trachea
C)   Bronchi   D)   Larynx

Q.2   Fill in the blanks.   (1.0×6)

(i)   The upward movement of water in the xylem due to transpiration is known as

_____ _____.

(ii)   Vaccination stimulates the development of _____ immunity by exposing the immune system to weakened or inactive forms of pathogens.

(iii) In methane, one atom of carbon shares its _____ electrons with four atoms of hydrogen to form _____ Covalent bonds.

(iv)   Loudness of sound depends upon the _____ of the sound wave.

(v)   The process of food preservation in which bacteria is allowed to grow against the harmful bacteria is called _____.

(vi)   In a longitudinal wave, the particles of the medium vibrate _____ to the direction of the wave.

Q.3   Decide whether the given statements are <u>True 'T'</u> or <u>False 'F'.</u>   (1.0×6)

(i)   Electromagnetic waves do not require medium to travel, e.g., sound waves.   T / F

(ii)   On heating liquids expand more than solids.   T / F

(iii) If the supersaturated solution is cooled the solute becomes less soluble.   T / F

(iv)   Photosynthesis takes place in mitochondria and respiration takes place in chloroplasts.   T / F

(v)   Xylem is dead tissue while phloem is living tissue.   T / F

(vi)   Arteries carry blood away from the heart except pulmonary artery.   T / F

Q.4   Answer the following questions.   (2.0×6)

(i)   Which type of bond is present in Sodium Chloride? Justify your answer.

Type of bond: _____

Justification: _____

_____

_____

(ii)   Explain heating of water by convection.

_____

_____

_____

_____

_____

(iii) Explain the function and composition of blood.

Function: _____

_____

Composition: _____

_____

_____

(iv)   Justify that the process of combustion is an example of a chemical change.

_____

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(v)   A cyclist moves 10km in east for 1 hour and 5km in north for 30 minutes to reach finish line. Find his average speed in km/h.

(vi)   Why the thickness of the tubes through which blood flows is different?

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